



**Vivitek's DU7090Z new Laser Phosphor WUXGA 6000AL projector is among the quietest in its category**



## FEATURES

- DLP® technology with BrilliantColor™ for vibrant and rich picture quality
- 6,000 ANSI lumens of brightness, WUXGA resolution, and 15,000:1 contrast ratio for clear, crisp and bright image
- Laser Phosphor Illumination source, up to 20,000 hours operations
- Designed for heavy duty 24/7 operations
- HDBaseT for easy to implement High Definition signal transmission over up to 100m distance
- Installation flexibility with lens shift, horizontal and vertical keystone corrections, or 4 corner adjustment
- Built-in 2x 10W audio speakers with multiple audio-in and audio-out ports
- Integrated network monitoring and management solutions including Crestron® RoomView™, Extron, and etc.
- DICOM Simulated Mode for medical training and seminars
- Compatible with NovoPRO wireless collaboration solution



## Lamp-Free and Eco-Friendly

With impressively vivid colors and a high brightness of 6,000 ANSI lumens, the DU7090Z offers the next generation of advanced projection technology laser. Designed lamp-free, it provides a low cost of ownership, with minimal maintenance, and gives a stable, high-quality projection for up to 20,000 hours. The DU7090Z, WUXGA offers an immersive big-screen experience with an unbeatable return on investment.



## DU7090Z SPECIFICATIONS

Image	<b>Display Type</b>	Single chip DLP® Technology by Texas Instruments
	<b>Brightness</b>	6000 ANSI Lumens
	<b>Native Resolution</b>	WUXGA (1920 x 1200)
	<b>Max. Supported Resolution</b>	WUXGA (1920 x 1200) @60Hz
	<b>Native Aspect Ratio</b>	16:10
	<b>Contrast Ratio</b>	15000:1
	<b>Keystone Correction</b>	Vertical +/- 30°, Horizontal +/- 25°
Optical	<b>Throw Ratio</b>	5 optional lenses from 0.78:1 to 3.0-5.0:1 throw ratio range
	<b>Zoom Ratio</b>	Manual Zoom & Focus
	<b>Lens Shift ( Based on Full Image Height)</b>	Manual Lens Shift
	<b>Image Size (Diagonal)</b>	depending on lens selection
	<b>Projection Distance</b>	depending on lens selection
	<b>Projection Lens</b>	5 optional lenses from 0.78:1 to 3.0-5.0:1 throw ratio range
	<b>Offset (Based on Full Image Height)</b>	Manual Lens Shift
Features	<b>Features</b>	3D Ready(DLP link, PC+Video), Direct 3D (HDMI 1.4a), 3D Mandatory Formats supported (top/bottom, right/left, frame sequential), Keypad lock
Compatibility	<b>Video</b>	SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L)
Connectivity	<b>I/O Connection Ports</b>	VGA-In (15pin D-Sub), HDMI v.1.4 (x2: HDMI/MHLx1, HDMIx1), DVI-D, Component (5 BNC) (RGBHV) , Composite Video, Audio-In (RCA) , Audio-In (Mini-Jack), VGA-Out (15pin D-Sub), Audio-Out (RCA), RJ45 (x2: LANx1, HDBaseTx1), RS-232 (x2, In and Out), 3D-Sync (x2, In and Out), USB A (Power Only), USB B (Service), Remote Jack(wire remote)
General	<b>Dimensions (W x D x H)</b>	517 x 470 x 202 mm
	<b>Weight</b>	25 kg
	<b>Power</b>	Supply: AC 100-240V, 50/60Hz Consumption: 530W (Eco. Mode), 650W (Normal Mode), <0.5W (Standby)
	<b>Lamp Life and Type</b>	Lamp free design. Laser light source last up to 20,000 hours
	<b>Speakers</b>	10W x 2
	<b>Noise Level</b>	33dB/30dB (Normal/Eco. Mode)
	<b>Standard Accessories</b>	VGA Cable, User Manual (CD), Quick Start Guide, Warranty Card (by region), Remote Controller (with battery), AC Power Cord
	<b>Optional Accessories</b>	3D Glasses P/N (3534257700), Remote Control P/N (5041846600)
	<b>UPC Code</b>	DU7090Z-WT: 813097021823; DU7090Z-BK: 813097022318

## OPTIONAL LENSES

Lens Name	Standard Lens	Wide Fix	Wide Zoom	Semi Long Zoom	Long Zoom 1
<b>Aspect Ratio</b>	16:10:00	16:10:00	16:10:00	16:10:00	16:10:00
<b>Throw Ratio</b>	1.54 - 1.93:1	0.78:1	1.10 - 1.30:1	1.93 - 2.89:1	3.00 - 5.01:1
<b>Projection Distance</b>	1.5m-7m	0.5m-3m	1m-9m	2m-20m	3m-20m
<b>Image Size</b>	37-211	48-298	36-379	33-481	28-309
<b>Zoom</b>	1.25	1	1.18	1.5	1.67
<b>F Number</b>	2.0 - 2.09	2.5	2.05 - 2.27	2.5 - 3.1	2.2 - 2.5
<b>Focal Length</b>	22.8 - 28.5 mm	11.46 mm	16.64 - 19.54 mm	28.5 - 42.75 mm	44.5 - 74.19 mm
<b>Part Number</b>	5811120865-SVV (VL906G)	5811120818-SVV (VL904G)	5811120054-SVV (VL907G)	5811116224-SU (VL905G)	5811120055-SVV (VL909G)